

Coaxial Band-pass Filter

7.25-8.45GHz/ SMA Female

Model: TLBF-7G25-8G45-E

TLBF-7G25-8G45-E is a coaxial band-pass filter with a passband frequency from 7.25 to 8.45 GHz and a rejection frequencies at 5.5GHz , 6.3GHz, 9.4GHz and 10.2GHz . The nominal insertion loss of the filter is 0.8 dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range: 7.25 to 8.45 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

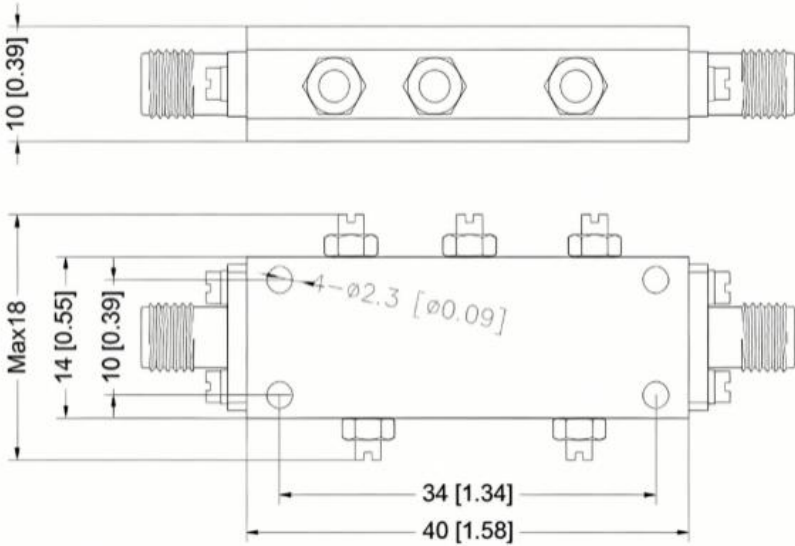
Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Passband Frequency range	7.25		8.45	GHz
Passband Insertion Loss			0.8	dB
Pass Band Ripple			0.6	dB
Rejection	>30dB@6300&9400 Mhz >50dB@5500&10200 Mhz			dB
Power Handling			15	W
Input VSWR			1.5	:1
Output VSWR			1.5	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Storage Temperature	-40 to +70	°C
Connectors	SMA Female	

Outline Drawing:
Unit:mm;





ESD Protection: Strictly
adhere to ESD precautions
to prevent electrostatic
damage.

Ordering Information:

Base Number	Description	Revision
TLBF-7G25-8G45-E	Coaxial Band-pass Filter,Passband frequency range:7.25 to 8.45 GHz ,Passband Insertion Loss:0.8dB, SMA Female	Rev.1.0